

## MATERIAL SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier***1.1 Product Name:*

UNI VEST SILKY "LIQUID"

*1.2 Company /Undertaking identification*

Manufacturer's Name: SHOFU INC.

Address: 11 Kamitakamatsu-cho, Fukunine, Higashiyama-ku, Kyoto 605-0983, JAPAN

Phone: +81- 75- 561- 1112

Fax: +81- 75- 561- 2273

Section in Charge: Quality Assurance Section

Date Prepared 2011.9.21

*1.3 Emergency Telephone Number*

+81- 75- 561- 1112

**2. Hazards identification**

## GHS CLASSIFICATION

It is not possible to classify it.

## LABEL ELEMENTS

SYMBOL —

SIGNAL WORD —

HAZARD STATEMENTS —

## PRECAUTIONARY STATEMENTS

## [Prevention]

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapours/spray.

Keep container tightly closed.

Wash hands thoroughly after handling.

## [Response]

If in eyes, rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.

If on skin, wash with plenty of soap and water.

If you feel un- well, get medical advice/attention.

## [Storage]

Store in a dark and cool place indoors, with containers tightly closed.

## [Disposal]

Dispose of contents and container in accordance with regulation.

**3. Composition/information on ingredients**

Colloidal Silica (Amorphous)

25~ 45 %

Water

**4. First- aid measures***4.1 Eye contact :* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

## MATERIAL SAFETY DATA SHEET

- 4.2 *Skin contact* : Wash with soap and water. If on skin, skin irritation, get medical advice/attention.  
 4.3 *Ingestion* : Rinse mouth. Get medical advice/attention.  
 4.4 *Inhalation*: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. Fire-fighting measures

These product is non-flammable.

- |  |     |
|--|-----|
| 5.1 <i>Suitable Extinguishing Media:</i>           | N/A |
| 5.2 <i>Extinguishing Media Should not be used:</i> | N/A |
| 5.3 <i>Special Exposure Hazards Arising</i>        | N/A |
| 5.4 <i>Special Protective Equipment:</i>           | N/A |

### 6. Accidental release measures

- |                                     |  |
|-------------------------------------|--|
| 6.1 <i>Personal Precautions:</i>    | See section 8  |
| 6.2 <i>Methods for Cleaning Up:</i> | Absorb with sand or vermiculite, and wipe up with a dust cloth. Collect in the plastic bag and remove to a safe place. |

### 7. Handling and storage

- |                     |  |
|---------------------|--|
| 7.1 <i>Handling</i> | Avoid contact with skin, eyes and clothing. Avoid generating dust and/or mist. |
| 7.2 <i>Storage:</i> | Store under normal dry conditions. Keep containers closed. Protect from frost. |

### 8. Exposure controls/personal protection

- 8.1 *Exposure limits:*
- |       |                         |   |
|-------|-------------------------|---|
| ACGIH | silica (amorphous)fume  | TLV-TWA 2.0mg/m <sup>3</sup> (Respirable) |
|       | silica (amorphous)fused | TLV-TWA 0.1mg/m <sup>3</sup> (Respirable) |
- 8.2 *Respiratory Protection:* Dust mask  
 8.3 *Hand Protection:* Latex or rubber gloves  
 8.4 *Eye Protection:* Safety goggles (May be required)  
 8.5 *Skin Protection:* Not required. General protective overalls.

### 9. Physical and chemical properties

- |   |                       |
|---|-----------------------|
| 9.1 <i>Appearance/Odour/pH</i>          | Milky-white liquid    |
| 9.2 <i>pH</i>                           | 9~10                  |
| 9.3 <i>Amorphous Silica content:</i>    | 25-45%                |
| 9.4 <i>Flash point:</i>                 | N/A                   |
| 9.5 <i>Auto flammability:</i>           | N/A                   |
| 9.6 <i>Boiling point:</i>               | ≅ 100°C               |
| 9.7 <i>Relative Density:</i>            | ≅ 1.2 - 1.3 (water=1) |
| 9.8 <i>Solubility: water solubility</i> | Soluble               |

### 10. Stability and reactivity

These product is considered to be stable.

### 11. Toxicological information

- Oral toxicity :
- |       |      |               |
|-------|------|---------------|
| mouse | LD50 | > 80000 mg/kg |
|-------|------|---------------|

## MATERIAL SAFETY DATA SHEET

(Amorphous Silica)

rat LD50 3160 mg/kg

May cause irritation on contact with skin or eyes. Prolonged exposure to amorphous silica mist or dusts may cause respiratory disease.

---

**12. Ecological information**

---

No information

---

**13. Disposal considerations**

---

Dispose of contents/container to in accordance with local/regional/national/international regulations .

---

**14. Transport information**

---

Airline restriction information ; It doesn't correspond.  
UN No. ; It doesn't correspond.  
Sea restriction information ; It doesn't correspond.  
UN No. ; It doesn't correspond.

---

**15. Regulatory information**

---

Follow all regulations in your country.

---

**16. Other information**

---

This product is intended for use by dental professionals. (instrument/material)